# Detailed Solution Design

## Overall Architecture

- The solution consists of a web API, web application, and RPA bot for testing.

**Data Design**

- Projects table: stores project information.

- Clients table: stores client information.

- Time logs table: stores time saved by automations.

**Technical Assumptions**

- The solution will be hosted on Azure.

- Users will have basic knowledge of web applications.

**Technical Caveats**

- Performance may degrade with large data volumes.

- Internet connectivity is required for cloud hosting.

## Errors and Exceptions

**Business Exceptions**

- Incorrect data entry by users.

- Missing required fields.

**Application Errors**

- API request failures.

- Database connection errors.

## Environment Details

**Software**

- .NET Core 3.1

- SQL Server 2019